

# Jawad Ali

## Software Architect (Mobile App Development Native/Hybrid)

✉ jawad.soft87@gmail.com ☎ +18325293805

### SUMMARY

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- 10 years of hands-on experience in mobile app development
- Led engineering teams through the complete product development lifecycle, from initial architecture to successful launch
- Successful creation of many AI-powered mobile applications strong background in multiple programming languages for personalized user experiences
- Proficient in mobile development, utilizing modern languages Kotlin, XCode, Swift, Android SDK, Android Studio, React Native.
- Strong back-end development skills with expertise in PHP, Laravel, NodeJS, Python
- Familiarity with cloud services such as AWS for enhanced scalability and performance
- Agile methodologies practitioner, including Scrum for efficient project management.

### AREA OF EXPERTISE

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#### **Mobile app languages & frameworks:**

Swift, Obj-C, XML, Kotlin, Java, React Native, JS, TS & Redux

#### **UI Libraries:**

MaterialUI, TailwindCSS

#### **Database & Tools:**

MS SQL, Dynamo DB, AWS (RDS), Firebase DB, Realm

#### **Server Platforms:**

Ubuntu, MS SQL Server up to 2016

#### **3rd Party Libraries:**

Rest API, GraphQL, Alamofire, Retrofit, ORM Lite, GLID, AFNetworking, SDWebImage, SVProgressHUD, IQKeyboardManager, SwiftMessages, OneSignal, GSON, okHttp

#### **Tools:**

Android Studio, XCode, VS Code

#### **Backend development:**

PHP, Laravel, JavaScript (Node.JS)

#### **Designing Tools:**

Adobe XD, Figma, Sketch, Adobe Illustrator, Adobe Photoshop, Zeplin

#### **Reporting Tools:**

Slack, Asana, Jira, Trello

#### **Others**

Social Media APP's, VPN services, Live Streaming, Payment Integration, Delivery APP, Services app & Uber-like application, Event Scheduling, AWS Amplify, Agora, invite System, NoSQL DynamoDB, Messaging Service, AWS Relational Database System (RDS), Google Map Integration, Live Streaming, BambUser, Firebase, Resumable File Uploading System, Gif in Social Posts, Appointment System, Booking, User Availability, S3 for File Storage, Stripe, In-App Purchases, Profile Management, Stories Like WhatsApp, Push Notification

## PROFESSIONAL EXPERIENCE

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### **Technical Project Manager/Lead Developer, Kodex Technologies**

September 2020 –  
present

- Developed many AI based applications supporting healthcare, Travel, Retail, Ecommerce, Real estate and social apps.
- Integrated Payment gateways like Paypal, Stripe, In-app purchase
- Implemented all kinds of Ads like Admob, and Facebook Audience Network
- Integrated Firebase Push notification, Firebase In app messaging
- Created many Hybrid Mobile application using React Native (JS & TS) and received appreciation for developing within a short time span of 1 month.
- Constructed 30+ mobile applications in 3 years
- Got 10K+ views for Mobile applications using React Native and Expo, incorporating features like offline support and push notifications.
- Deployed and hosted the application on AWS (RDS)
- Took on a leadership role, leading and mentoring a team of 30+ developers & Designers in the successful execution of the project.

### **Project Manager/Senior Mobile Developer, Coding Pixel**

June 2016 –  
September 2020

- Developed Hybrid & Native applications for iOS and Android
- Contributed the development of 10 mobile applications using Swift, Kotlin, java, Android Architecture Components
- Maintained a offline file storage for user database.
- Dashboard functionality and backend database as Firebase Cloud store, and added authentication with Facebook SDK.
- Implemented Google Maps in the application using Google Maps key which enable user to view current location and also the desired locations
- Implemented API calls in the front end where ever needed to get data from the server
- Deployed the app into App store and play store and make it live for the end users

### **Senior Mobile App Developer, Horizon Technologies**

June 2014 –  
October 2015

- Worked on multiple applications for iOS and Android with backend and UI/UX teams, delivering the required features based on time estimations and planning
- Built and maintained high performance, reusable reliable Java code including UI and core functionality
- Participated in Scrum meetings, as well as retrospectives with members of the team
- Ensure the best possible performance, quality and responsiveness of the application
- Active listening and comprehend new ideas into application

## PROJECTS

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### **Trecco**

**Description:** Trecco is a Travel & Restraunt booking app

**My Role:** Technical Project Manager, Project Architecture Development, Core Application Development, Network Layer management

**Key Functionalities:** Itinerary management, push notifications & Alerts, Maps for navigation, Reviews, ratings, and loyalty rewards, Payment Gateway integration, E-Booking, Networking.

**Tools:** Swift, Objective-C, MySQL, PHP, Laravel

**Link:** <https://apps.apple.com/us/app/trecco-your-travel-community/id1501824385>

### **MymoodAI**

**Description:** MyMoodAI is an AI Picture Generating Tool

**My Role:** Technical Project Manager, Project Architecture Development, Core Application Development, Network Layer management

**Key Functionalities:** Style Transfer, Customizable Filters, Super Resolution, Photo-to-Cartoon Conversion, AI-Enhanced Photo Editing

**Tools:** Swift, Objective-C, MySQL, PHP, Laravel

**Link:** <https://apps.apple.com/pk/app/mymood-ai-avatar-photo-editor/id1669952628>

### **Zazzi**

**Description:** Zazzi is photography Booking application

**My Role:** Senior App developer, Core Application Development

**Key Functionalities:** Booking calendars, Location selection, Payment Integration, In app messages, Booking confirmations and Reminder, Customisable package

**Tools:** Swift (iOS 12+), XCode, AWS (S3), MySql, Mapbox, Stripe

**Link:** <https://apps.apple.com/us/app/zazzi-photography-on-demand/id1516438188>

### **Liveli**

**Description:** Liveli is live streaming app

**My Role:** Technical Project Manager, Project Architecture Development, Core Application Development, Network Layer management

**Key Functionalities:** live streaming functionality, Real time interactions, Multi platform streaming, Analytics and Insights, Integration with social media, AWS Amplifier, Agora implementation, Push Notification, Firebase Analytics, Social Login Google, Apple, Facebook, Event Scheduling on Google and Apple Calendar, Discover All People, Searching Algorithm with Keyword, Invite System, Profile Management, User Activity Tracking.

**Tools:** Swift (iOS 13), XCode, Kotlin/Java, PHP/Laravel, Html/CSS, AWS (S3), Stripe, Agora, Bambuser

**Link:** <https://apps.apple.com/us/app/liveli/id1523495613>

### **MapBuzz**

**Description:** Mapbuzz is a social app.

**My Role:** Technical Project Manager, Project Architecture Development, Core Application Development, Network Layer management

**Key Functionalities:** News Feed, Post Creation and Sharing, Friend Requests and Connections, Messaging and Chat, Notification, Profile customisation, Search and discovery, Discover restaurants and plan meetups

**Tools:** Swift, Objective-C, MySQL, PHP, Laravel

**Link:** <https://apps.apple.com/us/app/mapbuzz/id956545196>

### **Gymble**

**Description:** Gymble is Health and Fitness app

**Role:** Team Lead, Core Application Development, Responsible to Managing the Team and their tasks

**Key Functionalities:** Workout plans, Exercise database, Progress Tracking, Nutrition Tracking, Virtual classes and workouts, Social community, Meal Planning, Sleep Tracking, Appointment booking,

**Tools:** Android Studio, Java, Kotlin, Xcode, Swift, AWS

**Link:** <https://apps.apple.com/us/app/gymble/id1565944893>

### **Star Student**

**Description:** Star Student is E-learning application

**My Role:** Team Lead, Core Application Development, Responsible to Manage the Team and their tasks. Project Structure with Singleton & Relation design pattern

**Key Functionalities:** AI-driven content recommendations, Automated Assessments, Speech Recognition, Smart content creation, Automated creation of quizzes, flashcards, and study materials, Virtual Tutoring, Learning Analytics Dashboard

**Tools:** Android Studio, java, Kotlin, XCode, Swift, AWS

**Link:** [https://www.behance.net/gallery/170905641/Start-Student-\(Education-Mobile-AppWebsite\)](https://www.behance.net/gallery/170905641/Start-Student-(Education-Mobile-AppWebsite))

## EDUCATION & CERTIFICATIONS

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### **Bachelors of Sciences (Computer Sciences), Islamia University Bahawalpur**

2014

- In this degree I covered different programming languages, data structures, algorithms, computer architecture, operating systems, databases, web/mobile app development, networking, cybersecurity, and more.

### **Google Ads Display Certification**

2016

- In this course, I covered the fundamentals of display advertising, effective campaign setup, audience targeting, remarketing strategies, and performance measurement on the Google Display Network.
- Link to platform: <https://skillshop.exceedlms.com/student/path/18061-google-ads-display-certification>

### **AWS Certified Developer**

2017

- In this course, I covered all essential topics such as AWS fundamentals, SDKs, application deployment, serverless architecture, security best practices, storage solutions, and database integration.
- Link to platform: <https://aws.amazon.com/certification/certified-developer-associate/>

### **Google Certified Android Developer**

2017

- In this course, I covered all key Android app development areas, including application components, user interface design, data management, debugging, performance optimization, and security implementation. Also get proficient in Android Studio, version control, and app deployment.
- Link to platform: <https://developers.google.com/certification/associate-android-developer>

## LANGUAGES

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English, Urdu, Arabic

## REFERENCES

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